An account of the cutting out the Cæcum *of a* Bitch *by the Ingenious* William Muſgrave *LL. B. Student in* Phyſick, *and Fellow of* New-College Oxon.

THe uſe of the *Cæcum* being ſtill a *Deſideratum* in Anatomy, I thought it worth my while to try, what light the *cutting out* of that part, might afford us, in a matter ſo obſcure: In my firſt experiment of this kind (which was in the Eaſter-week 1683.) my hopes were ſoon defeated, by the death of the Dog, two days after the Operation; but being more ſucceſsful in a ſecond attempt, I will now (according to your deſire) give you an account of it:

April 1683. I took a Bitch, of about a year old, and opend the *Abdomen*, on the right ſide, in the *Regio Iliaca*, paſſing my knife thro the *Muſculus oblique aſcendens*, and by the ſide of the *Muſculus Rectus*; having found the *Cæcum*, I immediatly put up the other gutts again into the *Abdomen*, after which I ſeparated the *Cæcum* from the *Ileum*, cutting the membrane which binds part of the former to the latter; then, having made a ligature on the artery which comes to the *Cæcum*, I made three, or four prick-ſeams thro the ſides of the *Cæcum*, at the farther end of it, where it is continued to the *Rectum*, and by thus ſowing the ſides together, ſtopt the paſſage of the *Fæces* that way; after this I cutt off the *Cæcum* about $\frac{1}{4}$ of an inch from the ſtitches, and ſowed together the new made lips, entring my needle alwais on the inſide and paſſing it thro the outer membrane, that ſo the lips might the better touch edgewais, and grow together, the wounds being ſowed up, and the Bitch tied away, milk is ſet before her, of which ſhe lapt a ſmall quantity the next morning, and by degrees recovered, ſo that in three weeks ſhe ſeemed as well as ever; in a little time (running up and down in the College) ſhe grew fat, and proud, and the laſt ſummer brought a litter of Whelps: In four moneths obſervation I could not perceive any ſuch alteration in her, as might reaſonably be imputed to the loſs of the *Cæcum*.

Sept. 19. 1683. I cauſed her to be hangd, and opend her a ſecond time; Dr. *Pitt*. our Learned Profeſſor of *Anatomy*, was pleaſed to oblige me with his company; we found a great part of the *Omentum* ly in a heap on the right ſide; it had not recovered its natural poſture, ſince it was put up with the guts at the firſt opening; the edges of the wound were well grown together; in ſhort, we did not find any thing that ſeemed to intimate the leaſt want, or ſupply the place of the *Cæcum*.

Succincta